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FEE TRANSMITTAL

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)
2,200.00

| Complete if Known | |
|--------------------------|----------------------------|
| Application Number | 10/587,653 Conf. No.: 2764 |
| Filing Date | July 28, 2006 |
| First Named Inventor | Christopher Henry SUCH |
| Examiner Name | G. MESH |
| Art Unit | 1763 |
| Attorney Docket No. | 0446-0188PUS1 |

METHOD OF PAYMENT (check all that apply)

| | | | | |
|--|--------------------------------------|--------------------------------------|-------------------------------|--|
| <input type="checkbox"/> Check | <input type="checkbox"/> Credit Card | <input type="checkbox"/> Money Order | <input type="checkbox"/> None | <input type="checkbox"/> Other (please identify): _____ |
| <input checked="" type="checkbox"/> Deposit Account: | | Deposit Account Number: 02-2448 | | Deposit Account Name: Birch, Stewart, Kolasch & Birch, LLP |

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

- | | |
|---|---|
| <input checked="" type="checkbox"/> Charge fee(s) indicated below | <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee |
| <input checked="" type="checkbox"/> Charge any additional fees(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 | <input checked="" type="checkbox"/> Credit any overpayments |

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FEES CALCULATION
1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fees Paid (\$) |
| Utility | 380 | 190 | 620 | 310 | 250 | 125 | |
| Design | 250 | 125 | 120 | 60 | 160 | 80 | |
| Plant | 250 | 125 | 380 | 190 | 200 | 100 | |
| Reissue | 380 | 190 | 620 | 310 | 750 | 375 | |
| Provisional | 250 | 125 | 0 | 0 | 0 | 0 | |

2. EXCESS CLAIM FEES
Fee Description

Each claim over 20 (including Reissues)

Small Entity
Fee (\$)

60

Each independent claim over 3 (including Reissues)

250

Multiple dependent claims

450

| Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
|--------------|----------------|----------|---------------|
| 43 | - 48 or HP = 0 | x | = 0.00 |

HP = highest number of total claims paid for, if greater than 20.

Multiple Dependent Claims
Fee (\$)

Fee Paid (\$)

| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
|---------------|---------------|----------|---------------|
| 4 | - 6 or HP = 0 | x | = 0.00 |

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(o)), the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|--|----------|---------------|
| • 100 = 0 | / 50 = 0 | (round up to a whole number) | x | = 0.00 |

| 4. OTHER FEE(S) | Fee Paid (\$) |
|---|---------------|
| Non-English Specification, \$130 fee (no small entity discount) | |
| Other (e.g., late filing surcharge): RCE and EOT fees | 2,200.00 |

SUBMITTED BY

| | | | |
|---|---|--|------------------------|
| Signature |  | Registration No. 40069 (Attorney/Agent) | Telephone 703-205-8000 |
| Name (Print/Type): Mary Anne Armstrong, PhD | | Date February 6, 2012 | |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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